



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
**Kim et al.** )  
)  
Serial No.: **10/620,477** ) Examiner: **Ghulamali, Qutbuddin**  
)  
Filed: **July 15, 2003** ) Art Unit: **2637**  
)  
For: **Adaptive Noise Filtering and** ) Confirmation No. **8614**  
**Equalization for Optimal High** )  
**Speed Multilevel Signal Decoding** )

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

July 25 2005

Sir:

Applicants cite the information on the attached Form PTO-1449, "List of Information Disclosed by Applicant," pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. Applicants have not enclosed a copy of any cited U.S. patents or U.S. patent application publications. Applicants have enclosed a copy of each cited foreign patent document and non-patent literature.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

This Information Disclosure Statement ("IDS") is being filed under 37 C.F.R. § 1.97(c) which is before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311

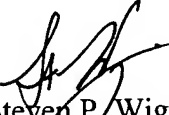
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 25, 2005.

Steven P. Wigmore, Reg. No. 40,447

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180.00 DP  
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(See 37 C.F.R. § 1.97(c)(2)). Therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is attached to this IDS.

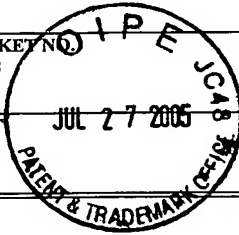
Respectfully submitted,



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3777805

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*ATTY. DOCKET NO.  
07982.105018SERIAL NO.  
10/620,477FILING DATE  
July 15, 2003APPLICANT  
Kim et al.GROUP  
2637**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,356,374 B1	3/12/2002	Farhan, Forrest M.	359	180	10/9/1998
	AB	6,411,117 B1	6/25/2002	Hatamian, Mehdi	324	765	11/12/1999
	AC	6,816,101 B2	11/9/2004	Hietala et al.	341	155	3/7/2003
	AD	2004/0213354 A1	10/28/2004	Jones et al.	375	285	4/28/2003
	AE	2004/0218756 A1	11/4/2004	Tang et al.	379	417	4/30/2004
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
	AJ	WO 2002/082694 A1	10/17/2002	PCT	Quellan, Inc.		
	AK	WO 2003/071731 A1	8/28/2003	PCT	Quellan, Inc.		
	AL	WO 2005/050896 A1	6/2/2005	PCT	Quellan, Inc.		
	AM						

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AN		
	AO		
	AP		
	AQ		
	AR		

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.